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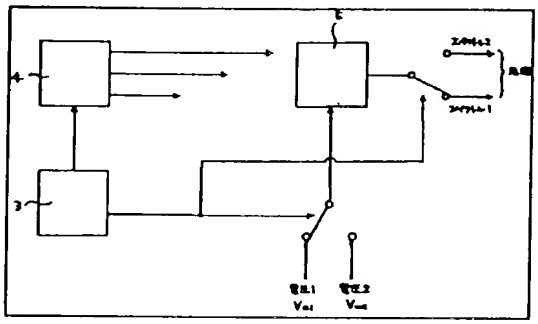

4/6 - (C) Derwent

Accession Nbr	-	2000-288486 [25]
Sec. Acc. Non-CPI	-	N2000-217591
Title	-	**Time** of **flight** **mass** **spectrometer**, calibrates gain of **mass** spectrum based on **mass** spectrum which is measured using different reproduction factors
Derwent Classes	-	**S03** V05
Patent Assignee	-	(NIDS) JEOL CO LTD
Nbr of Patents	-	1
Nbr of Countries	-	1
Patent Number	-	JP2000082439 A 20000321 DW2000-25 H01J-049/40 5p * AP: 1998JP-0248884 19980903
Priority Nbr	-	1998JP-0248884 19980903
IPC s	-	**H01J-049/40**
Basic Abstract	-	JP2000082439 A NOVELTY - The voltage applied to the **ion** detector (5) is changed in correspondence with the **ion**-pulse generation from **ion** and pulse generators (4,3) respectively. The

KW
=
TOF
MASS
SPECTROM
GAIN
Voltage
Pony
detector
correspond.
Pulse

mass spectrum is measured using low and high reproduction factors in location of strong and weak spectral intensities respectively. Calibration of gain of **mass** spectrum is carried out based on measured **mass** spectrum.

- USE - For measuring **mass** spectrum for **time** of **flight** **mass** **spectrometer**.
- ADVANTAGE - Enables proper gain control by mixing powerful and weak signals used in **mass** spectrum. Maintains large dynamic range in spectrometer, since limitation of the dynamic range is prevented.
- DESCRIPTION OF DRAWING(S) - The figure shows **mass** **spectrometer**.
- Pulse and **ion** generators 3,4
- **Ion** detector 5(Dwg.2/3)

Manual Codes - EPI: S03-E10A3 V05-J01A1
Update Basic - 2000-25